

7. (Amended) A DNA which hybridizes to the DNA as claimed in claim 5 under the stringent condition and encodes the protein having a phospholipase A₂ activity.

8. (Amended) An expression vector which has the DNA as claimed in claim 4.

11. (Amended) A method for producing a protein which comprises inserting the expression vector which has the DNA which encodes the protein which comprises an amino acid sequence from first Asn to 123rd Cys of that shown in SEQ ID No.: 30 and a step of recovering the protein as claimed in claim 1 from the culture.

12. (Amended) An antibody which specifically recognizes the protein as claimed in claim 1.

16. (Amended) A screening method of a compound that specifically inhibits a secretory type phospholipase A₂ activity with the protein as claimed in claim 1.

18. (Amended) The composition as claimed in claim 17 wherein the IIE type phospholipase A₂ is the protein which comprises an amino acid sequence from first Asn to 123rd Cys of that shown in SEQ ID No.: 30.